

**In the Specification:**

Please add the following spelling before each acronym/term:

Page 9, line 1: The receptive field (RF) of both chromatic and...

Page 10, line 17: ...activation-level maps of on-center opponent Parvo long-medium-short wavelength (P-LMS) cells...

Page 12, line 9: ..color coded Parvo double opponent LMS (P<sub>do</sub>-LMS) cells..

Page 13, line 18: ...ganglion cell RF Parvo response ganglion cells (P-RGC), the center...

Page 24, line 6: ...stimulate the triplet of Parvo double opponent after adaptation (P<sub>do-a</sub>)-LMS...

Page 28, line 7: ..on-center and off-center medium wavelength opponent (M-opponent) cells.

Page 29, line 15: .. now represents the surround region of the RF of a Magno response ganglion cell (M-RGC), is defined as..

Page 30, line 3: .. 1/(center/surround ratio) (1/CSR). The steps above...

Please make the additional following changes, as suggested by the Examiner:

Page 11, line 17: ..top path of FIG. 1a, taken from Dahari and Spitzer...

Page 16, line 9: ..locations 64 [62].

Page 19, line 10: 8 [9] off-center cells...

Page 20, line 2: ..For example, cells 116 [106] whose RFs...

Please add in p. 13, after line 4 a new figure caption as follows: